

Fig. 1

Inventor: NICHOLAS BUONOCUNTO  
Docket: JWB-2001-13-9

See Fig. 3

See Fig. 4

See Fig. 5

See Fig. 3

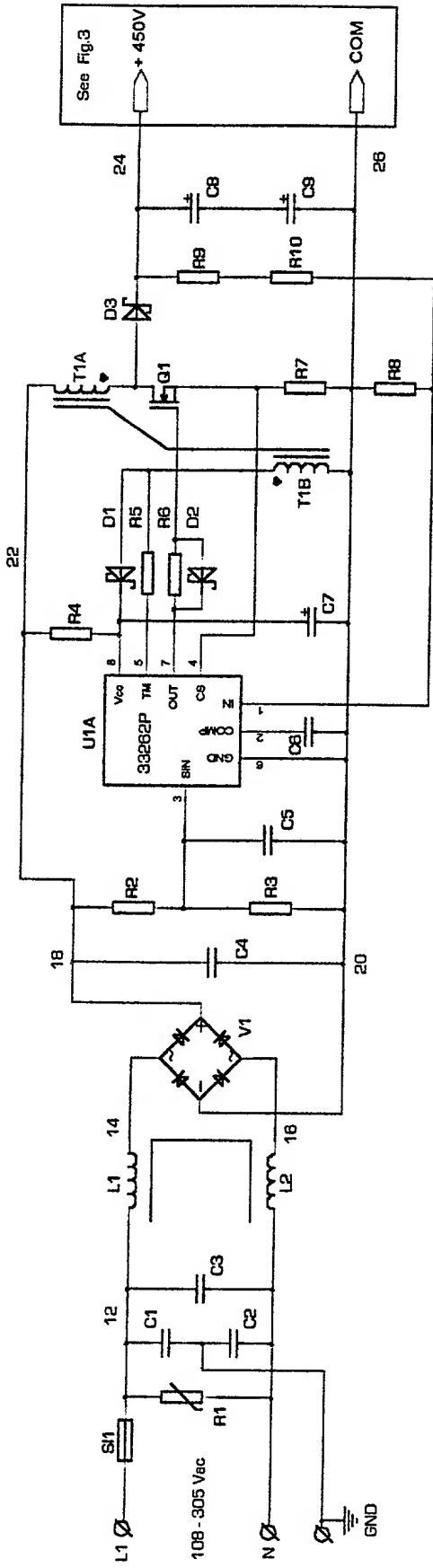


Fig. 2

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# INVERTER BALLAST CIRCUIT 28A, 28B, 28C, 28D

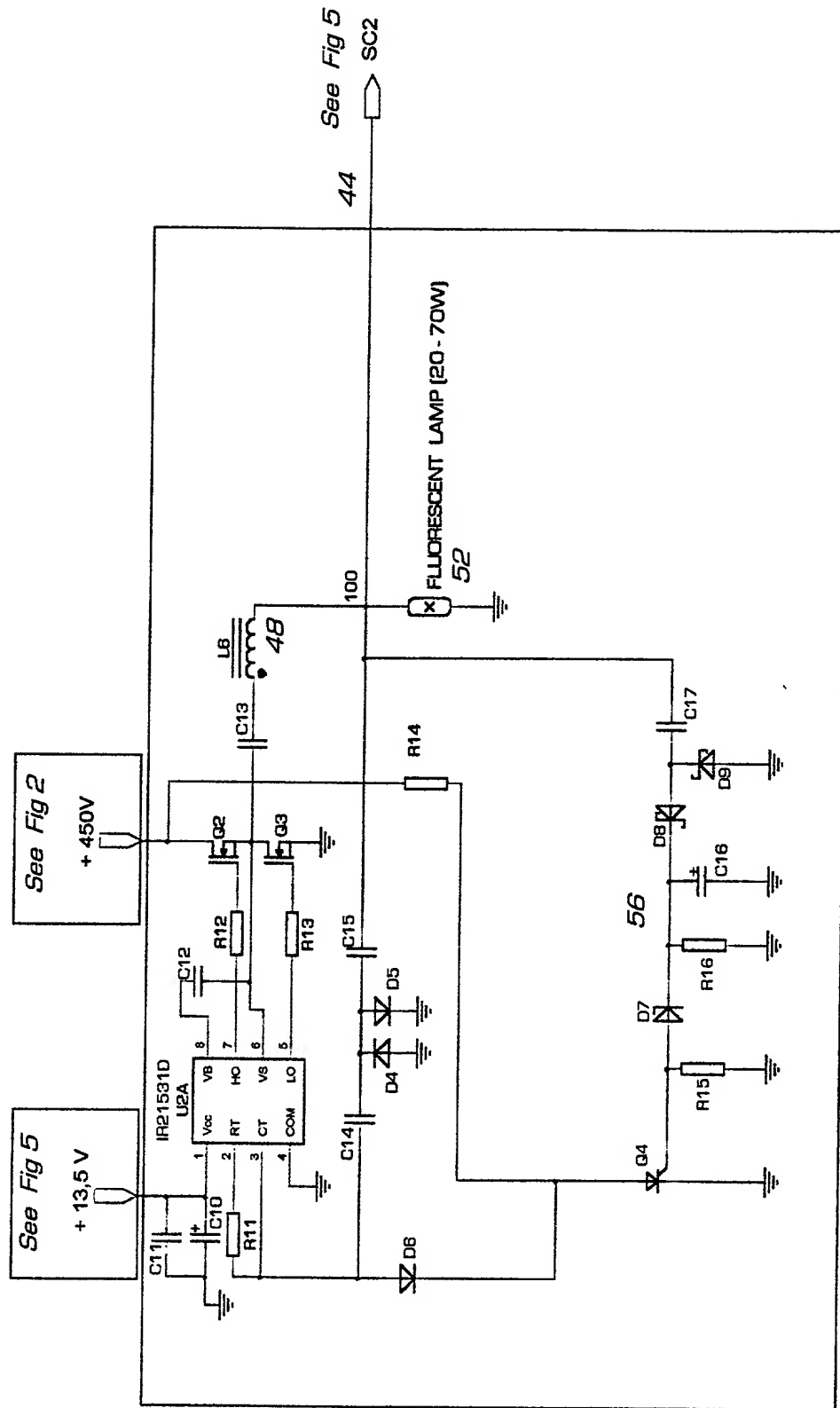
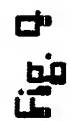


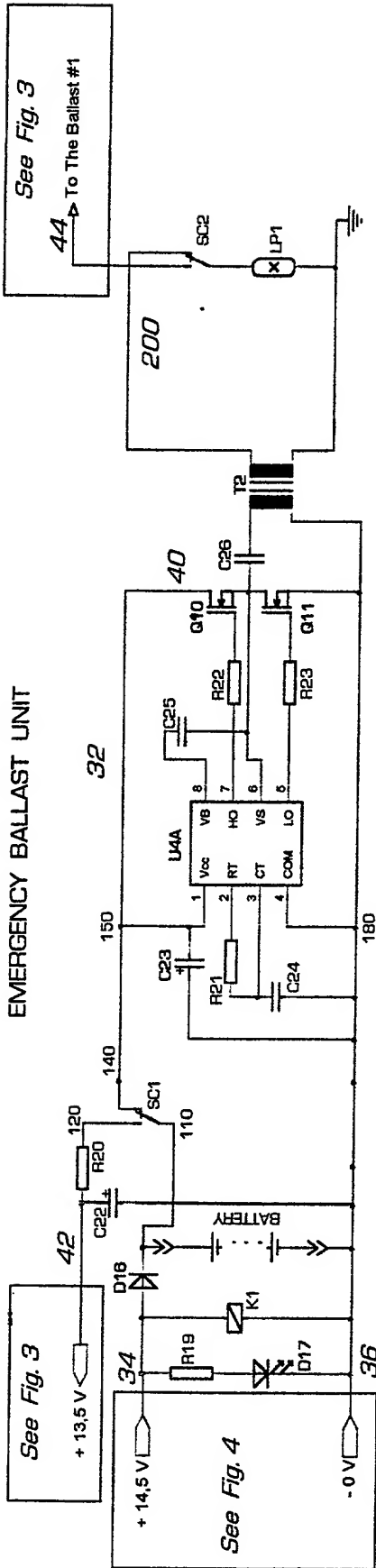
Fig. 3

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The schematic diagram illustrates the internal circuitry of an Emergency Ballast Unit. It features a power input section with a +14.5V source, a +13.5V source, and a -0V source. A battery is connected to the main power line. Key components include a relay K1, diodes D16 and D17, resistors R19, R20, R21, R22, R23, capacitors C22, C23, C24, C25, C26, and a transformer T2. The transformer T2 is connected to a 200V source. The circuit is controlled by a microcontroller U4A (pin 1 to 8) and a switch SC1. The output is connected to a lamp LP1 through a switch SC2. The diagram is labeled "See Fig. 3" and "See Fig. 4".



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